

Appln No. 09/846,871  
Response dated March 19, 2004

Amendments to the Specification:

Please replace paragraph [34] with the following amended paragraph:

A1  
[34] As detailed below, an exemplary application definition file may be formed using a markup language, like XML. In accordance with an embodiment of the present invention, defined XML entities are understood by the virtual machine software 24. Defined XML entities are detailed in Appendix "A", hereto FIGS. 16A-16JJ. The defined XML entities are interpreted by the virtual machine software 24, and may be used as building blocks to present server-side applications at mobile device 10, as detailed herein.

Please replace paragraph [35] with the following amended paragraph:

A2  
[35] Specifically, as illustrated in FIG. 2, virtual machine software 24 includes a conventional XML parser 61; an event handler 65; a screen generation engine 67; and object classes 69 corresponding to XML entities supported by the virtual machine software 24, and possibly contained within an application definition file. Supported XML entities are detailed in Appendix "A" hereto enclosed FIGS. 16A-16JJ. A person of ordinary skill will readily appreciate that those XML entities identified in Appendix "A" FIGS. 16A-16JJ are exemplary only, and may be extended or shortened as desired.

Please replace paragraph [39] with the following amended paragraph:

A3  
[39] Object classes 69 define objects that allow device 10 to process each of the supported XML entities at the mobile device. Each of object classes 69 includes attributes used to store parameters defined by the XML file, and functions allowing the XML entity to be processed at the mobile device, as detailed in Appendix "A" FIGS. 16A-16JJ, for each supported XML entity. So, as should be apparent, supported XML entities are extensible. Virtual machine software 24 may be expanded to support XML entities not detailed in Appendix "A" FIGS. 16A-16JJ. Corresponding object classes could be added to virtual machine software 24.

Appln No. 09/846,871  
Response dated March 19, 2004

Please replace paragraph [41] with the following amended paragraph:

*A4*  
[41] Similarly, object classes 69 of virtual machine software 24 further include object classes corresponding to data tables and network transactions defined in the Table Definition and Package Definition sections in Appendix "A" FIGS. 16A-16JJ. At run time, instances of object classes corresponding to these classes are created and populated with parameters contained within application definition file, as required.